Communications on

PURE AND APPLIED MATHEMATICS

Author Index to Volume LVIII

Adler, M., and van Moerbeke, P.: Virasoro Action on Schur Function Expansions, Skew Young Tableaux, and Random Walks, 362

Alpert, B. K., and Chen, Y.: A Representation of Acoustic Waves in Unbounded Domains, 1358

Ambrose, D. M., and Masmoudi, N.: The Zero Surface Tension Limit of Two-Dimensional Water Waves, 1287

Barlow, M. T., Coulhon, T., and Kumagai, T.: Characterization of Sub-Gaussian Heat Kernel Estimates on Strongly Recurrent Graphs, 1642

Beirão da Veiga, H.: On the Regularity of Flows with Ladyzhenskaya Shear-Dependent Viscosity and Slip or Nonslip Boundary Conditions, 552

Ben Arous, G., and Péché, S.: Universality of Local Eigenvalue Statistics for Some Sample Covariance Matrices, 1316

Borcea, L., Druskin, V., and Knizhnerman, L.: On the Continuum Limit of a Discrete Inverse Spectral Problem on Optimal Finite Difference Grids, 1231

Bourgain, J., Brezis, H., and Mironescu, P.: Lifting, Degree, and Distributional Jacobian Revisited, 529

Brezis, H.: see Bourgain, J.

Cabré, X., and Solà-Morales, J.: Layer Solutions in a Half-Space for Boundary Reactions, 1678

Caffarelli, L. A., Souganidis, P. E., Wang, L.: Homogenization of Fully Nonlinear, Uniformly Elliptic and Parabolic Partial Differential Equations in Stationary Ergodic Media, 319

Candès, E. J., and Demanet, L.: The Curvelet Representation of Wave Propagators Is Optimally Sparse, 1472

Chan, T., and Shen, J.: Variational Image Inpainting, 579

Chen, Y.: see Alpert, B. K.

Costin, O., and Kruskal, M. D.: Analytic Methods for Obstruction to Integrability in Discrete Dynamical Systems, 723

Coulhon, T.: see Barlow, M. T.

Craig, W., Guyenne, P., and Kalisch, H.: Hamiltonian Long-Wave Expansions for Free Surfaces and Interfaces, 1587

Cuccagna, S.: Erratum: Stabilization of Solutions to Nonlinear Schrödinger Equations, 147

Cuccagna, S., Pelinovsky, D., and Vougalter, V.: Spectra of Positive and Negative Energies in the Linearized NLS Problem, 1

Dafermos, M.: The Interior of Charged Black Holes and the Problem of Uniqueness in General Relativity, 445

De Lellis, C., and Golse, F.: A Quantitative Compactness Estimate for Scalar Conservation Laws, 989

Demanet, L.: see Candès, E. J.

Dong, H.: About Smoothness of Solutions of the Heat Equations in Closed, Smooth Space-Time Domains, 799

Druskin, V.: see Borcea, L.

Duong, X. T., and Yan, L. X.: New Function Spaces of BMO Type, the John-Nirenberg Inequality, Interpolation, and Applications, 1375

E, W., Liu, D., and Vanden-Eijnden, E.: Analysis of Multiscale Methods for Stochastic Differential Equations, 1544

Epstein, C. L.: How Well Does the Finite Fourier Transform Approximate the Fourier Transform?, 1421

Fokas, A. S.: The Generalized Dirichlet-to-Neumann Map for Certain Nonlinear Evolution PDEs, 639

Giacomelli, L., and Otto, F.: New Bounds for the Kuramoto-Sivashinsky Equation, 297

Golse, F.: see De Lellis, C.

Gozzi, F., Sritharan, S. S., and Święch, A. Bellman Equations Associated to the Optimal Feedback Control of Stochastic Navier-Stokes Equations, 671

Guyenne, P.: see Craig, W.

Han, Q.: On the Isometric Embedding of Surfaces with Gauss Curvature Changing Sign Cleanly, 285

Kalisch, H.: see Craig, W.

Knizhnerman, L.: see Borcea, L.

Koch, H., Leoni, G., and Morini, M.: On Optimal Regularity of Free Boundary Problems and a Conjecture of De Giorgi, 1051

Koch, H., and Tataru, D.: Dispersive Estimates for Principally Normal Pseudodifferential Operators, 217

Korvola, T., Kupiainen, A., and Taskinen, J.: Anomalous Scaling for Three-Dimensional Cahn-Hilliard Fronts, 1077

Kruskal, M. D.: see Costin, O.

Kumagai, T.: see Barlow, M. T.

Kupiainen, A.: see Korvola, T.

Lasser, C., and Teufel, S.: Corrigendum: Propagation Through Conical Crossings: An Asymptotic Semigroup, 1586

Lasser, C., and Teufel, S.: Propagation Through Conical Crossings: An Asymptotic Semigroup, 1188

Leckband, M.: Moser's Inequality on the Ball B^n for Functions with Mean Value Zero, 789

Lee, K.-A.: Power Concavity on Nonlinear Parabolic Flows, 1529

Leoni, G.: see Koch, H.

Li, W., and Lu, K.: Sternberg Theorems for Random Dynamical Systems, 941

Li, Y. Y., and Nirenberg, L.: The Distance Function to the Boundary, Finsler Geometry, and the Singular Set of Viscosity Solutions of Some Hamilton-Jacobi Equations, 85

Lin, F.-H., Liu, C., and Zhang, P.: On Hydrodynamics of Viscoelastic Fluids, 1437

Lin, Z.: Nonlinear Instability of Periodic BGK Waves for Vlasov-Poisson System, 505

Liu, C.: see Lin, F.-H.

Liu, D.: see E, W.

Lu, K.: see Li, W.

Masmoudi, N.: see Ambrose, D. M.

Mironescu, P.: see Bourgain, J.

Morini, M.: see Koch, H.

Moser, R.: Moving Boundary Vortices for a Thin-Film Limit in Micromagnetics, 701

Nirenberg, L.: see Li, Y. Y.

Novikov, A., Papanicolaou, G., and Ryzhik, L.: Boundary Layers for Cellular Flows at High Péclet Numbers, 867

Otto, F.: see Giacomelli, L.

Papanicolaou, G.: see Novikov, A.

Pèchè, S.: see Ben Arous, G.

Pelinovsky, D.: see Cuccagna, S.

Rodnianski, I., Schlag, W., and Soffer, A.: Dispersive Analysis of Charge Transfer Models, 149

Rodrigo, J. L.: On the Evolution of Sharp Fronts for the Quasi-Geostrophic Equation, 821

Ryzhik, L.: see Novikov, A.

Schlag, W.: see Rodnianski, I.

Schwartz, J. T. Do the Integers Exist? The Unknowability of Arithmetic Consistency, 1280

Shen, J.: see Chan, T.

Sideris, T. C., and Thomases, B.: Global Existence for Three-Dimensional Incompressible Isotropic Elastodynamics via the Incompressible Limit, 750

Soffer, A.: see Rodnianski, I.

Solà-Morales, J.: see Cabré, X.

Souganidis, P. E.: see Caffarelli, L.

Sowers, R. B.: A Boundary Layer Theory for Diffusively Perturbed Transport Around a Heteroclinic Cycle, 30

Sritharan, S. S.: see Gozzi, F.

Stroock, D. W., and Williams, D. A Simple PDE and Wiener-Hopf Riccati Equations 1116

Sturm, K.-T.: see von Renesse, M.-K.

Suidan, T. M.: Stationary Measures for a Randomly Forced Burgers Equation, 620

Święch, A.: see Gozzi, F.

Taskinen, J.: see Korvola, T.

Tataru, D.: see Koch, H.

Teufel, S.: see Lasser, C.

Thomases, B.: see Sideris, T. C.

van Moerbeke, P.: see Adler, M.

Vanden-Eijnden, E.: see E, W.

Vaninsky, K. L.: Equations of Camassa-Holm Type and Jacobi Ellipsoidal Coordinates, 1149

von Renesse, M.-K., and Sturm, K.-T.: Transport Inequalities, Gradient Estimates, Entropy, and Ricci Curvature, 923

Vougalter, V.: see Cuccagna, S.

Wang, L.: see Caffarelli, L. A.

Williams, D.: see Stroock, D. W.

Xin, Z., and Yin, H.: Transonic Shock in a Nozzle I: Two-Dimensional Case, 999

Yan, L. X.: see Duong, X. T.

Yin, H.: see Xin, Z.

Yu, S.-H.: Hydrodynamic Limits with Shock Waves of the Boltzmann Equation, 409

Zhang, P.: see Lin, F.-H.